



COPY OF PAPERS  
ORIGINALLY FILED

IGARA31.001AUS

PATENT

#7A Pro Andt.  
M. Braunsen  
7/2/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yoon, et al.  
Appl. No. : 10/040,957  
Filed : January 2, 2002  
For : VARIABLE GROUP DELAY  
UNIT AND VARIABLE  
GROUP DELAY OPTICAL  
FIBER MODULE  
Examiner : Unknown  
Group Art Unit : 2633

I hereby certify that this correspondence and all  
marked attachments are being deposited with  
the United States Postal Service as first-class  
mail in an envelope addressed to: United States  
Patent and Trademark Office, P.O. Box 2327,  
Arlington, VA 22202, on

May 2, 2002

(Date)

Mark M. Abumeri, Reg. No. 43,458

RECEIVED

MAY 09 2002

Technology Center 2600

PRELIMINARY AMENDMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

The Applicant submits the following amendment for consideration in connection with  
and prior to the examination of the above-identified patent application.

IN THE SPECIFICATION:

Please replace the paragraph beginning on page 19, line 6 with the following new  
paragraph:

$$\Delta\phi_{out} \cong n \cdot \Delta\phi \dots\dots (4)$$